

10/644,664

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DATE: Wednesday, May 10, 2006

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<input type="checkbox"/>	L19	(sh adj ep) and l15	8
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<input type="checkbox"/>	L17	L16 not l7	29
<input type="checkbox"/>	L16	l11 and L15	29
<input type="checkbox"/>	L15	((embryo or germinat\$) near10 (specific\$ or prefer\$)) near10 promoter	516
<input type="checkbox"/>	L14	L13 not l7	13
<input type="checkbox"/>	L13	L12 and @ad<20000714	13
<input type="checkbox"/>	L12	L11	81
<input type="checkbox"/>	L11	L10 and ((800/278).ccls. or (800/271).ccls. or (800/274).ccls. or (800/303).ccls.)	81
<input type="checkbox"/>	L10	l8 and L9	188
<input type="checkbox"/>	L9	(male or female or seed) near5 (steril\$ or abort\$ or ablat\$)	9122
<input type="checkbox"/>	L8	(recombinase or transposon or transposase) near10 intron	535
<input type="checkbox"/>	L7	L6 and intron	8
<input type="checkbox"/>	L6	l1 or l2 or l4 or L5	17
<input type="checkbox"/>	L5	anissimov.in. and andrei.in.	3
<input type="checkbox"/>	L4	kanerva.in. and anne.in.	10
<input type="checkbox"/>	L3	kanera.in. and anne.in.	0
<input type="checkbox"/>	L2	koivu.in. and kimmo.in.	11
<input type="checkbox"/>	L1	kuvshinov.in. and viktor.in.	12

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20050241022 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 8

File: PGPB

Oct 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050241022

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050241022 A1

NO

TITLE: Novel rubisco promoters and uses thereof

PUBLICATION-DATE: October 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Anissimov, Andrei</u>	Helsinki		FI
<u>Kaijalainen, Seppo</u>	Helsinki		FI
<u>Koivu, Kimmo</u>	Helsinki		FI
<u>Juntunen, Kari</u>	Helsinki		FI
<u>Kanerva, Anne</u>	Itasalmi		FI

US-CL-CURRENT: 800/288; 435/468, 800/306

✓

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D.
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☐ 2. Document ID: US 20050039229 A1

L7: Entry 2 of 8

File: PGPB

Feb 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050039229

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050039229 A1

TITLE: Double recoverable block of function

10/892,513

NO intems
per
KWC

PUBLICATION-DATE: February 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Kuvshinov, Viktor</u>	Helsinki		FI
<u>Koivu, Kimmo</u>	Itasalmi		FI
<u>Kanerva, Anne</u>	Itasalmi		FI

Anissimov, Andrei

Helsinki

FI

US-CL-CURRENT: 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 3. Document ID: US 20040107457 A1

L7: Entry 3 of 8

File: PGPB

Jun 3, 2004

PGPUB-DOCUMENT-NUMBER: 20040107457

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040107457 A1

TITLE: Molecular mechanisms for gene containment in plants

PUBLICATION-DATE: June 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Kuvshinov, Viktor</u>	Helsinki		FI
<u>Koivu, Kimmo</u>	Helsinki		FI
<u>Kanerva, Anne</u>	Helsinki		FI
<u>Anissimov, Andrei</u>	Helsinki		FI

US-CL-CURRENT: 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 4. Document ID: US 20040031076 A1

L7: Entry 4 of 8

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040031076

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040031076 A1

TITLE: Transformation system in camelina sativa

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Kuvshinov, Viktor</u>	Helsinki		FI
<u>Kanerva, Anne</u>	Helsinki		FI
<u>Koivu, Kimmo</u>	Helsinki		FI
<u>Pehu, Eija</u>	Helsinki		FI
<u>Kuvshinova, Svetlana</u>	Helsinki		FI

US-CL-CURRENT: 800/294

US-CL-CURRENT: 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
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☐ 3. Document ID: US 20040025200 A1

L19: Entry 3 of 8

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040025200

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040025200 A1

TITLE: Molecular control of transgene segregation and its escape by a recoverable block of funtion (rbf) system

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kuvshinov, Viktor	Helsinki		FI
Koivu, Kimmo	Helsinki		FI
Kanerva, Anne	Helsinki		FI
Pehu, Eija	Helsinki		FI

US-CL-CURRENT: 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
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☐ 4. Document ID: US 20030200564 A1

L19: Entry 4 of 8

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030200564

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030200564 A1

TITLE: Starch modification

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Burrell, Michael Meyrick	Cambridge		GB
Chatterjee, Manash	Cambridge		GB

US-CL-CURRENT: 800/284; 435/204, 435/320.1, 435/419, 435/468, 435/6, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 5. Document ID: US 20040025200 A1

L7: Entry 5 of 8

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040025200
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040025200 A1

TITLE: Molecular control of transgene segregation and its escape by a recoverable block of funtion (rbf) system

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Kuvshinov, Viktor</u>	Helsinki		FI
<u>Koivu, Kimmo</u>	Helsinki		FI
<u>Kanerva, Anne</u>	Helsinki		FI
<u>Pehu, Eija</u>	Helsinki		FI

US-CL-CURRENT: 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 6. Document ID: US 20020007500 A1

L7: Entry 6 of 8

File: PGPB

Jan 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020007500
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020007500 A1

TITLE: Molecular control of transgene escape by a repressible excision system

PUBLICATION-DATE: January 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Kuvshinov, Viktor</u>	Helsinki		FI
<u>Koivu, Kimmo</u>	Helsinki		FI
<u>Kanerva, Anne</u>	Helsinki		FI
<u>Pehu, Eija</u>	Helsinki		FI

US-CL-CURRENT: 800/278; 800/287, 800/288

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 7. Document ID: US 6849776 B1

L7: Entry 7 of 8

File: USPT

Feb 1, 2005

US-PAT-NO: 6849776

DOCUMENT-IDENTIFIER: US 6849776 B1

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TITLE: Molecular control of transgene segregation and its escape by a recoverable block of function (RBF) system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 8. Document ID: US 6455761 B1

L7: Entry 8 of 8

File: USPT

Sep 24, 2002

US-PAT-NO: 6455761

DOCUMENT-IDENTIFIER: US 6455761 B1

NO

TITLE: Agrobacterium-mediated transformation of turnip rape

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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Search Results - Record(s) 1 through 10 of 13 returned.

☐ 1. Document ID: US 6677503 B1

Using default format because multiple data bases are involved.

L14: Entry 1 of 13

File: USPT

Jan 13, 2004

US-PAT-NO: 6677503

DOCUMENT-IDENTIFIER: US 6677503 B1

** See image for Certificate of Correction **

TITLE: Sunflower anti-pathogene proteins and genes and their uses

DATE-ISSUED: January 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bidney; Dennis L.	Urbandale	IA		
Duvick; Jon	Des Moines	IA		
Hu; Xu	Urbandale	IA		
Lu; Guihua	Urbandale	IA		
Crasta; Oswald R.	Branford	CT		

US-CL-CURRENT: 800/279; 435/320.1, 435/419, 435/468, 536/23.2, 536/23.6, 536/24.1,
800/278, 800/295, 800/298, 800/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 2. Document ID: US 6538176 B1

L14: Entry 2 of 13

File: USPT

Mar 25, 2003

US-PAT-NO: 6538176

DOCUMENT-IDENTIFIER: US 6538176 B1

TITLE: Maize replication protein A and use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 3. Document ID: US 6504083 B1

L14: Entry 3 of 13

File: USPT

Jan 7, 2003

US-PAT-NO: 6504083

DOCUMENT-IDENTIFIER: US 6504083 B1

TITLE: Maize Gos-2 promoters

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 4. Document ID: US 6504082 B1

L14: Entry 4 of 13

File: USPT

Jan 7, 2003

US-PAT-NO: 6504082

DOCUMENT-IDENTIFIER: US 6504082 B1

TITLE: Ecdysone receptors and methods for their use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 5. Document ID: US 6452069 B1

L14: Entry 5 of 13

File: USPT

Sep 17, 2002

US-PAT-NO: 6452069

DOCUMENT-IDENTIFIER: US 6452069 B1

**** See image for Certificate of Correction ****

TITLE: SF3 promoter and methods of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 6. Document ID: US 6429362 B1

L14: Entry 6 of 13

File: USPT

Aug 6, 2002

US-PAT-NO: 6429362

DOCUMENT-IDENTIFIER: US 6429362 B1

**** See image for Certificate of Correction ****

TITLE: Maize PR-1 gene promoters

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 7. Document ID: US 6271437 B1

L14: Entry 7 of 13

File: USPT

Aug 7, 2001

US-PAT-NO: 6271437

DOCUMENT-IDENTIFIER: US 6271437 B1

TITLE: Soybean gene promoters

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 8. Document ID: US 6265638 B1

L14: Entry 8 of 13

File: USPT

Jul 24, 2001

US-PAT-NO: 6265638

DOCUMENT-IDENTIFIER: US 6265638 B1

TITLE: Method of plant transformation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 9. Document ID: US 6232526 B1

L14: Entry 9 of 13

File: USPT

May 15, 2001

US-PAT-NO: 6232526

DOCUMENT-IDENTIFIER: US 6232526 B1

TITLE: Maize A3 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 10. Document ID: US 6207879 B1

L14: Entry 10 of 13

File: USPT

Mar 27, 2001

US-PAT-NO: 6207879

DOCUMENT-IDENTIFIER: US 6207879 B1

**** See image for Certificate of Correction ****

TITLE: Maize RS81 promoter and methods for use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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Search Results - Record(s) 11 through 13 of 13 returned.

☐ 11. Document ID: US 6194636 B1

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L14: Entry 11 of 13

File: USPT

Feb 27, 2001

US-PAT-NO: 6194636

DOCUMENT-IDENTIFIER: US 6194636 B1

** See image for Certificate of Correction **

TITLE: Maize RS324 promoter and methods for use thereof

DATE-ISSUED: February 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Palo Alto	CA		
Orozco, Jr.; Emil M.	West Grove	PA		
Laccetti; Lucille B.	Groton	CT		

US-CL-CURRENT: 800/278; 435/252.3, 435/320.1, 435/418, 435/419, 435/468, 435/69.1,
536/23.1, 536/23.6, 536/24.1, 800/279, 800/281, 800/284, 800/287, 800/289,
800/290, 800/292, 800/293, 800/294, 800/295, 800/298, 800/300, 800/301, 800/302,
800/303, 800/306, 800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320.1,
800/320.2, 800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 12. Document ID: US 6177611 B1

L14: Entry 12 of 13

File: USPT

Jan 23, 2001

US-PAT-NO: 6177611

DOCUMENT-IDENTIFIER: US 6177611 B1

** See image for Certificate of Correction **

TITLE: Maize promoters

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 13. Document ID: US 6072050 A

L14: Entry 13 of 13

File: USPT

Jun 6, 2000

US-PAT-NO: 6072050

DOCUMENT-IDENTIFIER: US 6072050 A

NO

TITLE: Synthetic promoters ✓

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw. D.
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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20050039229 A1

Using default format because multiple data bases are involved.

L19: Entry 1 of 8

File: PGPB

Feb 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050039229

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050039229 A1

TITLE: Double recoverable block of function

PUBLICATION-DATE: February 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kuvshinov, Viktor	Helsinki		FI
Koivu, Kimmo	Itasalmi		FI
Kanerva, Anne	Itasalmi		FI
Anissimov, Andrei	Helsinki		FI

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US-CL-CURRENT: 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 2. Document ID: US 20040107457 A1

L19: Entry 2 of 8

File: PGPB

Jun 3, 2004

PGPUB-DOCUMENT-NUMBER: 20040107457

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040107457 A1

TITLE: Molecular mechanisms for gene containment in plants

PUBLICATION-DATE: June 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kuvshinov, Viktor	Helsinki		FI
Koivu, Kimmo	Helsinki		FI
Kanerva, Anne	Helsinki		FI
Anissimov, Andrei	Helsinki		FI

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L19: Entry 4 of 8

File: PGPB

Oct 23, 2003

DOCUMENT-IDENTIFIER: US 20030200564 A1

TITLE: Starch modification

Detail Description Paragraph:

[0122] Other suitable promoters include the stem organ specific promoter gSPO-A, the seed specific promoters Napin, KTI 1, 2, & 3, beta-conglycinin, beta-phaseolin, heliathin, phytohemagglutinin, legumin, zein, lectin, leghemoglobin c3, AB13, PvAlf, SH-EP, EP-C1, 2S1, EM 1, and ROM2.

Detail Description Paragraph:

[0173] In a preferred embodiment of the present invention, the associated promoter is a strong root and/or embryo-specific plant promoter such that the plant glycogenin-like protein is overexpressed in the transgenic plant.

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☐ 5. Document ID: US 20030177532 A1

L19: Entry 5 of 8

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030177532
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030177532 A1

TITLE: Manipulation of starch granule size and number

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Burrell, Michael Meyrick	Cambridge		GB
Coates, Stephen Andrew	Cambridge		GB

US-CL-CURRENT: 800/284; 435/200, 435/419, 435/6, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 20030097678 A1

L19: Entry 6 of 8

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030097678
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030097678 A1

TITLE: Process for converting storage reserves of dicot seeds into compositions comprising one or more gene products

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kushinov, Viktor	Vantaa	DC	FI
Kanerva, Anne	Helsinki		FI
Koivu, Kimmo	Helsinki		FI
Pehu, Eija	Washington		US

US-CL-CURRENT: 800/278; 800/284

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 20020007500 A1

L19: Entry 7 of 8

File: PGPB

Jan 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020007500

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L19: Entry 5 of 8

File: PGPB

Sep 18, 2003

DOCUMENT-IDENTIFIER: US 20030177532 A1

TITLE: Manipulation of starch granule size and number

Detail Description Paragraph:

[0143] Other suitable promoters include the stem organ specific promoter gSPO-A, the seed specific promoters Napin, KTI 1, 2, & 3, beta-conglycinin, beta-phaseolin, heliathin, phytohemagglutinin, legumin, zein, lectin, leghemoglobin c3, ABI3, PvAlf, SH-EP, EP-C1, 2S 1, EM 1, and ROM2.

Detail Description Paragraph:

[0219] In one embodiment of the present invention, the associated promoter is a strong leaf, stem, root and/or embryo-specific plant promoter such that the FtsZ protein is overexpressed in the transgenic plant.

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PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020007500 A1

TITLE: Molecular control of transgene escape by a repressible excision system

PUBLICATION-DATE: January 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kuvshinov, Viktor	Helsinki		FI
Koivu, Kimmo	Helsinki		FI
Kanerva, Anne	Helsinki		FI
Pehu, Eija	Helsinki		FI

US-CL-CURRENT: 800/278; 800/287, 800/288

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 8. Document ID: US 6849776 B1

L19: Entry 8 of 8

File: USPT

Feb 1, 2005

US-PAT-NO: 6849776

DOCUMENT-IDENTIFIER: US 6849776 B1

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TITLE: Molecular control of transgene segregation and its escape by a recoverable block of function (RBF) system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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10/644,664 5/10/06

=> file caplus biosis
=> s (kuvshinov, v?)/au
L1 268 (KUVSHINOV, V?)/AU
=> s (koivu, k?)/au
L2 34 (KOIVU, K?)/AU
=> s (kanerva, a?)/au
L3 59 (KANERVA, A?)/AU
=> s (anissimov, a?)/au
L4 5 (ANISSIMOV, A?)/AU
=> s l1 or l2 or l3 or l4
L5 324 L1 OR L2 OR L3 OR L4
=> s l5 and intron?/ab,bi
L6 2 L5 AND INTRON?/AB,BI
=> dup rem
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)
=> d l7 1-2

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:451688 CAPLUS
DN 141:18757
TI Molecular control of transgene escape from genetically modified plants by
enhanced Recoverable Block of Function (RBF) system having blocking
construct inserted in intron of transgene
IN Kuvshinov, Viktor; Koivu, Kimmo; Kanerva, Anne
; Anissimov, Andrei
PA Finland
SO U.S. Pat. Appl. Publ., 28 pp., Cont.-in-part of U.S. Ser. No. 617,543.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004107457	A1	20040603	US 2003-644664	20030820
	US 6849776	B1	20050201	US 2000-617543	20000714
	US 2004025200	A1	20040205	US 2003-332914	20030114
PRAI	US 2000-617543	A2	20000714		
	WO 2001-FI670	W	20010716		

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:404613 CAPLUS
DN 141:117926
TI Barnase gene inserted in the intron of GUS - a model for
controlling transgene flow in host plants
AU Kuvshinov, Viktor; Anissimov, Andrei; Yahya, Bukhari
M.
CS Helsinki Business and Science Park, UniCrop Ltd., Helsinki, SF-00790,
Finland
SO Plant Science (Amsterdam, Netherlands) (2004), 167(1), 173-182
CODEN: PLSCE4; ISSN: 0168-9452

=> s ((transposon? or recombinase? or transposase?)(10a)intron?)/ab,bi
L8 249 ((TRANSPONON? OR RECOMBINASE? OR TRANSPOSASE?)(10A) INTRON?)/AB,
BI

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=> s ((male or female or seed) (5a) (abort? or steril? or ablat?))/ab,bi
L9 20130 ((MALE OR FEMALE OR SEED) (5A) (ABORT? OR STERIL? OR ABLAT?))/AB,B
I

=> s l8 and l9
L10 0 L8 AND L9

=> s ((gene?(a)contain?) or (transgene?(a)escape))/ab,bi
L11 21457 ((GENE?(A) CONTAIN?) OR (TRANSGENE?(A) ESCAPE))/AB,BI

=> s l8 and l11
L12 10 L8 AND L11

=> s l12 not l7
L13 10 L12 NOT L7

=> dup rem l13
PROCESSING COMPLETED FOR L13
L14 7 DUP REM L13 (3 DUPLICATES REMOVED)

=> d l14 1-7

L14 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1
AN 2005:1084868 CAPLUS
DN 144:64945
TI Structures for the proopiomelanocortin family genes proopiocortin and
proopiomelanotropin in the sea lamprey *Petromyzon marinus*
AU Takahashi, Akiyoshi; Nakata, Osamu; Kasahara, Makoto; Sower, Stacia A.;
Kawauchi, Hiroshi
CS Laboratory of Molecular Endocrinology, School of Fisheries Sciences,
Kitasato University Sanriku, Ofunato, Iwate, 022-0101, Japan
SO General and Comparative Endocrinology (2005), 144(2), 174-181
CODEN: GCENAS; ISSN: 0016-6480

L14 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:50364 CAPLUS
DN 142:478525
TI The budding yeast Mei5 and Sae3 proteins act together with Dmcl during
meiotic recombination
AU Tsubouchi, Hideo; Roeder, G. Shirleen
CS Howard Hughes Medical Institute, Yale University, New Haven, CT,
06520-8103, USA
SO Genetics (2004), 168(3), 1219-1230
CODEN: GENTAE; ISSN: 0016-6731

L14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2
AN 2005:16180 CAPLUS
DN 142:368451
TI Isolation and Characterization of the Follicle-Stimulating Hormone β
Subunit Gene and 5' Flanking Region of the Chinook Salmon
AU Chong, Kok Leong; Wang, Sihui; Melamed, Philippa
CS Functional Genomics Laboratories, Department of Biological Sciences,
National University of Singapore, Singapore
SO Neuroendocrinology (2004), 80(3), 158-170
CODEN: NUNDAJ; ISSN: 0028-3835

L14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:62270 CAPLUS
DN 135:147896
TI Controlling gene expression in yeast by inducible site-specific
recombination
AU Cheng, Tzu-Hao; Chang, Chuang-Rung; Joy, Prabha; Yablok, Svetlana;
Gartenberg, Marc R.
CS Department of Pharmacology, Robert Wood Johnson Medical School, University

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of Medicine and Dentistry of New Jersey, Piscataway, NJ, 08854, USA
SO Nucleic Acids Research (2000), 28(24), e108/1-e108/6
CODEN: NARHAD; ISSN: 0305-1048 *December 15*

L14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1992:167714 CAPLUS
DN 116:167714
TI Diversification of the rice Waxy gene by insertion of mobile DNA elements into introns
AU Umeda, Masaaki; Ohtsubo, Hisako; Ohtsubo, Eiichi
CS Inst. Appl. Microbiol., Univ. Tokyo, Tokyo, 113, Japan
SO Japanese Journal of Genetics (1991), 66(5), 569-86
CODEN: IDZAAW; ISSN: 0021-504X

L14 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3
AN 1989:187053 CAPLUS
DN 110:187053
TI Site-specific DNA endonuclease and RNA maturase activities of two homologous intron-encoded proteins from yeast mitochondria
AU Delahodde, A.; Goguel, V.; Becam, A. M.; Creusot, F.; Perea, J.; Banroques, J.; Jacq, C.
CS Cent. Genet. Mol., CNRS, Gif-sur-Yvette, 91198, Fr.
SO Cell (Cambridge, MA, United States) (1989), 56(3), 431-41
CODEN: CELLB5; ISSN: 0092-8674

L14 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1982:116791 CAPLUS
DN 96:116791
TI Structure and evolution of goat γ -, β C- and β A-globin genes: three developmentally regulated genes contain inserted elements
AU Schon, Eric A.; Cleary, Michael L.; Haynes, Joel R.; Lingrel, Jerry B.
CS Coll. Med., Univ. Cincinnati, Cincinnati, OH, 45267, USA
SO Cell (Cambridge, MA, United States) (1981), 27(2), 359-69
CODEN: CELLB5; ISSN: 0092-8674

=> d l14 1-7 ab

=> s ((embryo? or germinat?)(10a)(specific? or prefer?))/ab,bi
L15 23499 ((EMBRYO? OR GERMINAT?)(10A)(SPECIFIC? OR PREFER?))/AB,BI

=> s l8 and l15
L16 2 L8 AND L15

=> s l16 not l7
L17 2 L16 NOT L7

=> dup rem l17
PROCESSING COMPLETED FOR L17
L18 2 DUP REM L17 (0 DUPLICATES REMOVED)

=>

=> d l18 1-2

L18 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:20842 CAPLUS
DN 140:88710
TI Gene silencing by site-specific recombination used in controlling gene expression in transgenic plants
IN Yadav, Narendra S.
PA E. I. Du Pont de Nemours & Co., USA
SO PCT Int. Appl., 79 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004003180	A1	20040108	WO 2003-US20810	20030630
	AU 2003247696	A1	20040119	AU 2003-247696	20030630
PRAI	US 2002-393250P	P	20020701		
	WO 2003-US20810	W	20030630		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:157997 CAPLUS
DN 136:211873
TI Self-excising polynucleotides containing the ϕ C31 recombinase gene for
use in dicot and monocot plants
IN Mankin, Luke
PA Basf Plant Science G.m.b.H., Germany; McKersie, Bryan
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002016609	A2	20020228	WO 2001-US26738	20010827
	WO 2002016609	A3	20030103		
	CA 2420316	AA	20020228	CA 2001-2420316	20010827
	AU 2001088439	A5	20020304	AU 2001-88439	20010827
	US 2003033635	A1	20030213	US 2001-940550	20010827
	EP 1311695	A2	20030521	EP 2001-968171	20010827
	PRAI US 2000-227961P	P	20000825		
	WO 2001-US26738	W	20010827		

=> d l18 1-2 ab

=> s (sh(a)ep)/ab,bi and l15
L19 3 (SH(A) EP)/AB,BI AND L15

=> dup rem l19
PROCESSING COMPLETED FOR L19
L20 2 DUP REM L19 (1 DUPLICATE REMOVED)

=> d l20 1-2

L20 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:451688 CAPLUS
DN 141:18757
TI Molecular control of transgene escape from genetically modified plants by
enhanced Recoverable Block of Function (RBF) system having blocking
construct inserted in intron of transgene
IN Kuvshinov, Viktor; Koivu, Kimmo; Kanerva, Anne; Anissimov, Andrei
PA Finland
SO U.S. Pat. Appl. Publ., 28 pp., Cont.-in-part of U.S. Ser. No. 617,543.
CODEN: USXXCO

DT Patent
LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004107457	A1	20040603	<u>US 2003-644664</u>	20030820
	US 6849776	B1	20050201	<u>US 2000-617543</u>	20000714

Instant

	US 2004025200	A1	20040205	US 2003-332914	20030114
PRAI	US 2000-617543	A2	20000714		
	WO 2001-FI670	W	20010716		

L20 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1

AN 1996:193354 CAPLUS

DN 124:252589

TI Promoter regions of cysteine endopeptidase genes from legumes confer **germination-specific** expression in transgenic tobacco seeds

AU Yamauchi, Daisuke; Terasaki, Yoko; Okamoto, Takashi; Minamikawa, Takao

CS Dep. of Biology, Tokyo Metropolitan Univ., Tokyo, 192-03, Japan

SO Plant Molecular Biology (1996), 30(2), 321-9

CODEN: PMBIDB; ISSN: 0167-4412

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